

ABSTRACT:

The invention relates to an integrated circuit comprising a substrate, a conductive layer (1), at least one inductive element (2) superposed on said conductive layer and formed by a metallic turn having an outer contour and an inner contour, which bound between them a surface referred to as the radiation surface, and means for insulating the
5 conductive layer from the inductive element. The conductive layer has a surface substantially identical to the radiation surface.

The invention makes it possible to integrate other elements in a circuit as described above, without a resulting increase in the size of said circuit and without the operation of said other elements being disturbed by the inductive element.

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Use: Particularly voltage-controlled oscillators.

Reference: Fig. 1.